

18136-1055 US.ST25.txt  
SEQUENCE LISTING

<110> Sangameswaran, Lakshmi

<120> Human Pheromone Receptors

<130> 18136-1055

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 1059

<212> DNA

<213> Homo sapiens

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<212> PRT  
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20 25 30

\* Gln His Pro Leu Asp Phe Asp Glu Met Ala Phe Gly Lys Val Lys Ser  
35 40 45

Gly Ile Ser Phe Leu Ile Gln Thr Gly Val Gly Ile Leu Gly Asn Ser  
50 55 60

Phe Leu Leu Cys Phe Tyr Asn Leu Ile Leu Phe Thr Gly His Lys Leu  
65 70 75 80

\* Arg Pro Thr Asp Leu Ile Leu Ser Gln Leu Ala Leu Ala Asn Ser Met  
85 90 95

Val Leu Phe Phe Lys Gly Ile Pro Gln Thr Met Ala Ala Phe Gly Leu  
100 105 110

\* Lys Tyr Leu Leu Asn Asp Thr Gly Cys Lys Phe Val Phe Tyr Tyr His  
115 120 125

Arg Val Gly Thr Arg Val Ser Leu Ser Thr Ile Cys Leu Leu Asn Gly  
130 135 140

Phe Gln Ala Ile Lys Leu Asn Pro Ser Ile Cys Arg Trp Met Glu Ile  
145 150 155 160

Lys Ile Arg Ser Pro Arg Phe Ile Asp Phe Cys Cys Leu Leu Cys Trp  
165 170 175

Ala Pro His Val Leu Met Asn Ala Ser Val Leu Leu Leu Val Asn Gly  
180 185 190

Pro Leu Asn Ser Lys Asn Ser Ser Ala Lys Asn Asn Tyr Gly Tyr Cys  
195 200 205

Ser Tyr Lys Ala Ser Lys Arg Phe Ser Ser Leu His Ala Val Leu Tyr  
210 215 220

Phe Ser Pro Asp Phe Met Ser Leu Gly Phe Met Val Trp Ala Ser Gly  
225 230 235 240

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Ser Met Val Phe Phe Leu Tyr Arg His Lys Gln Gln Val Gln His Asn  
245 250 255

His Ser Asn Arg Leu Ser Cys Arg Pro Ser Gln Glu Ala Arg Ala Thr  
260 265 270

His Thr Ile Met Val Leu Val Ser Ser Phe Phe Val Phe Tyr Ser Val  
275 280 285

His Ser Phe Leu Thr Ile Trp Thr Thr Val Val Ala Asn Pro Gly Gln  
290 295 300

Trp Ile Val Thr Asn Ser Val Leu Val Ala Ser Cys Phe Pro Ala Arg  
305 310 315 320

Ser Pro Phe Val Leu Ile Met Ser Asp Thr His Ile Ser Gln Phe Cys  
325 330 335

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<211> 903

<212> DNA

<213> Homo sapiens

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tccacagatt tgattgttaa gcacctgatt gtagccaact tcttagctct ccgcgttaaaa 180

ggagtccccc agacaatggc agctttggg gttagatatt ttctcaatgc tcttgggtgc 240

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gagaaagccc ccaagcatgt tggctttct gttctcctgt gctggatcgt gtgcatttg 420

gtaaacatca tctttccat gtatgtgact ggcaaatgga actacacaaa catcacagt 480

aacgaggatt tgggatactg ttctggggga ggcaacaaca aaatcgacaca gacactgcgt 540

gcaatgttgt tatcattccc tcatgtgttg tgtctgggc tcatgctctg ggtcagcagc 600

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## 18136-1055 US.ST25.txt

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&lt;212&gt; PRT

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&lt;400&gt; 4

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Tyr Cys Thr Gly Cys Arg Leu Arg Ser Thr Asp Leu	Ile Val Lys His	
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Leu Ile Val Ala Asn Phe Leu Ala Leu Arg Cys	Lys Gly Val Pro Gln	
50	55	60

Thr Met Ala Ala Phe Gly Val Arg Tyr Phe Leu Asn Ala	Leu Gly Cys		
65	70	75	80

Lys Leu Val Phe Tyr Leu His Arg Val Gly Arg Gly Val Ser Ile	Gly	
85	90	95

Thr Thr Cys Leu Leu Ser Val Phe Gln Val Ile Thr Val	Ser Ser Arg	
100	105	110

Lys Ser Arg Trp Ala Lys Leu Lys Glu Lys Ala Pro Lys His Val	Gly	
115	120	125

Phe Ser Val Leu Leu Cys Trp Ile Val Cys Met Leu Val Asn Ile	Ile	
130	135	140

Phe Pro Met Tyr Val Thr Gly Lys Trp Asn Tyr Thr Asn Ile	Thr Val		
145	150	155	160

Asn Glu Asp Leu Gly Tyr Cys Ser Gly Gly Asn Asn Lys Ile	Ala	
165	170	175

Gln Thr Leu Arg Ala Met Leu Leu Ser Phe Pro Asp Val	Leu Cys Leu	
180	185	190

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Gly Leu Met Leu Trp Val Ser Ser Ser Met Val Cys Ile Leu His Arg  
195 200 205

His Lys Gln Arg Val Gln His Ile Asp Arg Ser Asn Leu Ser Pro Arg  
210 215 220

Ala Ser Pro Glu Asn Arg Ala Thr Gln Ser Ile Leu Ile Leu Val Ser  
225 230 235 240

Thr Phe Val Ser Ser Tyr Thr Leu Ser Cys Leu Phe Gln Val Cys Met  
245 250 255

Ala Leu Leu Asp Asn Pro Asn Ser Leu Leu Val Asn Thr Ser Ala Leu  
260 265 270

Met Ser Val Cys Phe Pro Thr Leu Ser Pro Phe Val Leu Met Ser Cys  
275 280 285

Asp Pro Ser Val Tyr Arg Phe Cys Phe Ala Trp Lys Arg  
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<221> misc\_feature

<222> (1)..(36)

<223> 5' PCR primer for hV3R1

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<212> DNA

<213> Artificial

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<223> 3' PCR primer for hV3R1

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<400> 6  
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<223> 5' PCR primer for hV3R8

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<400> 9  
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33